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Patent
Attorney Docket No. 018656-232

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP AF

In re Patent Application of

Kazunori Shionoya

Application No.: 09/824,836

Filing Date: April 4, 2001

Title: MEMORY BOARD

Group Art Unit: 2622

Examiner: MARK R MILIA

Confirmation No.: 1177

AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

A Petition for Extension of Time is also enclosed.
 Terminal Disclaimer(s) and the \$65.00 (2814) \$130.00 (1814) fee per Disclaimer due under 37 C.F.R. § 1.20(d) are also enclosed.
 Also enclosed is/are _____

Small entity status is hereby claimed.
 Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the \$395.00 (2801) \$790.00 (1801) fee due under 37 C.F.R. § 1.17(e).
 Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
 Applicant(s) previously submitted _____

on _____, for which continued examination is requested.

Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
 A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

No additional claim fee is required.

An additional claim fee is required, and is calculated as shown below.

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims		MINUS =	0	x \$50.00 (1202) =	\$ 0.00
Independent Claims		MINUS =	0	x \$200.00 (1201) =	\$ 0.00
If Amendment adds multiple dependent claims, add \$360.00 (1203)					
Total Claim Amendment Fee					
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					
TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT					

A check in the amount of _____ is enclosed for the fee due.

Charge _____ to Deposit Account No. 02-4800.

Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

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Date: September 28, 2005

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Kazunori Shionoya)
Application No.: 09/824,836) Group Art Unit: 2622
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For: MEMORY BOARD) Confirmation No.: 1177
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RESPONSE AFTER FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated June 30, 2005, the Examiner is respectfully requested to reconsider the application and withdraw the outstanding rejections.

Claims 1-9 have been rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,535,368, hereinafter *Ho et al.* As argued in the response filed on February 16, 2005, the substance of which is incorporated herein by reference, *Ho et al.* does not disclose a memory board including a memory controller as well as a memory device. In response to the remarks filed on February 16, 2005, the Examiner indicated that "the Examiner understands" that the memory subsystem 10 illustrated in Figure 1 of *Ho et al.* is a "memory board" and as such the memory modules 12A and 12B can be connected to add additional memory capacity to the system. However, other than reciting the Examiner's understanding, the Examiner has provided no basis for the position that the memory subsystem 10 is a "printed wiring board" as recited in claims 1 and 7 or a "memory board" as recited in claim 4.